

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077394 A1

(51) International Patent Classification⁷: **A61K 35/78**, 31/415, 31/18, 31/195, A61P 35/00, 35/02, 29/00

(74) Agent: REINHOLD COHN AND PARTNERS; P.O.Box 4060, 61040 Tel Aviv (IL).

(21) International Application Number:
PCT/IL2005/000173

(22) International Filing Date: 10 February 2005 (10.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/543,389 11 February 2004 (11.02.2004) US

(71) Applicants (*for all designated States except US*): **RAMOT AT TEL-AVIV UNIVERSITY LTD [IL/IL]**; 32 Haim Levanon Street, 69975 Tel Aviv (IL). **MEDICAL RESEARCH FUND AT THE TEL AVIV SOURASKY MEDICAL CENTER [IL/IL]**; 6 Weitzman Street, 64239 Tel Aviv (IL).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **ARBER, Nadir [IL/IL]**; 10 Haneviim Street, 64356 Tel Aviv (IL). **LEV-ARI, Shahar [IL/IL]**; Hisin 14, 64284 Tel Aviv (IL). **LICHTENBERG, Dov [IL/IL]**; 21 Hazohar Street, 62507 Tel Aviv (IL).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2005/077394 A1

(54) Title: COMPOSITIONS FOR TREATMENT OF CANCER AND INFLAMMATION WITH CURCUMIN AND AT LEAST ONE NSAID

(57) Abstract: A composition is provided which comprises an effective amount of curcumin and an effective amount of at least one NSAID for the treatment of cancer and inflammatory diseases and disorders. Also provided are methods of treatment of such diseases and disorders.